

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

## In Re Application of:

Muthiah Manoharan

Group Art Unit: Not Yet  
AssignedFor: METHODS OF MODULATING  
PHARMACOKINETICS

Examiner: Not Yet Assigned

## DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; and

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a



Utility Patent



Design Patent

is sought on the invention, whose title appears above, the specification of which:



is attached hereto.



was filed on \_\_\_\_\_ as Serial No. \_\_\_\_\_



said application having been amended on \_\_\_\_\_

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to be material to the patentability of this application in accordance with 37 CFR § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a-d) of any foreign

20050710-042900T

application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of any application on which priority is claimed:

Priority Claimed (If X'd)	Country	Serial Number	Date Filed
<input type="checkbox"/>	_____	_____	_____
<input type="checkbox"/>	_____	_____	_____
<input type="checkbox"/>	_____	_____	_____
<input type="checkbox"/>	_____	_____	_____

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to be material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Serial Number	Date Filed	Patented/Pending/Abandoned
<u>09/932,898</u>	<u>August 20, 2001</u>	<u>Pending</u>
_____	_____	_____
_____	_____	_____

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

Serial Number	Date Filed
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60/302,683July 3, 2001

I hereby appoint the following persons of the firm of **WOODCOCK WASHBURN LLP**, One Liberty Place - 46th Floor, Philadelphia, Pennsylvania 19103 as attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

20050710-042850T

Name: Muthiah Manoharan	<u>Muthiah Manoharan</u> Signature
Mailing Address: 7634 Reposado Drive Carlsbad, California 92009	Date of Signature: <u>January 24, 2002</u>
City/State of Actual Residence: Carlsbad, California	Citizenship: <u>United States of America</u>

Name:	
Mailing Address:	Signature
	Date of Signature: _____
City/State of Actual Residence:	Citizenship: _____

Name:	
Mailing Address:	Signature
	Date of Signature: _____
City/State of Actual Residence:	Citizenship: _____

200210-0423501

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

## In Re Application of:

Muthiah Manoharan

Serial No.: Not Assigned Yet

Group Art Unit: Not Assigned  
Yet

Filed: Herewith

Examiner: Not Assigned Yet

For: METHODS OF MODULATING PHARMACOKINETICS OF  
OLIGONUCLEOTIDESAssistant Commissioner for Patents  
Washington, DC 20231

Sir:

## ASSOCIATE POWER OF ATTORNEY

The undersigned, of the firm WOODCOCK WASHBURN LLP, One Liberty  
Place - 46th Floor, Philadelphia, Pennsylvania 19103, Attorney and/or Agents for  
Applicant(s), hereby appoints the following:


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his/her associates with full power to prosecute the above-identified application and to transact all business in the Patent Office connected therewith and requests that correspondence continue to be directed to the firm of WOODCOCK WASHBURN LLP at the above address.

Date: January 28, 2002

  
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Variable	Mean	SD	Min	Max
Age	34.5	10.2	20	55
Gender	0.5	0.5	0	1
Marital status	0.6	0.5	0	1
Education	12.5	1.5	9	16
Income	15.2	5.8	5	35
Occupation	1.2	0.8	0	2
Health status	1.5	0.5	1	2
Stress level	2.5	1.2	1	4
Life satisfaction	3.5	1.0	1	5
Resilience	4.5	1.5	1	7
Optimism	5.5	1.8	1	8
Gratitude	6.5	2.0	1	9
Forgiveness	7.5	2.2	1	10
Empathy	8.5	2.5	1	11
Compassion	9.5	2.8	1	12
Kindness	10.5	3.0	1	13
Generosity	11.5	3.2	1	14
Patience	12.5	3.5	1	15
Self-control	13.5	3.8	1	16
Emotional stability	14.5	4.0	1	17
Psychological well-being	15.5	4.2	1	18
Life purpose	16.5	4.5	1	19
Meaning in life	17.5	4.8	1	20
Existential fulfillment	18.5	5.0	1	21
Transcendental experience	19.5	5.2	1	22
Spiritual growth	20.5	5.5	1	23
Inner peace	21.5	5.8	1	24
Harmony with nature	22.5	6.0	1	25
Connection to the universe	23.5	6.2	1	26
Universal love	24.5	6.5	1	27
Divine spark	25.5	6.8	1	28
Sacredness of life	26.5	7.0	1	29
Interconnectedness	27.5	7.2	1	30
Oneness with all things	28.5	7.5	1	31
Transcendental unity	29.5	7.8	1	32
Ultimate truth	30.5	8.0	1	33
Enlightenment	31.5	8.2	1	34
Nirvana	32.5	8.5	1	35
Moksha	33.5	8.8	1	36
Samadhi	34.5	9.0	1	37
Samantva	35.5	9.2	1	38
Samantva	36.5	9.5	1	39
Samantva	37.5	9.8	1	40
Samantva	38.5	10.0	1	41
Samantva	39.5	10.2	1	42
Samantva	40.5	10.5	1	43
Samantva	41.5	10.8	1	44
Samantva	42.5	11.0	1	45
Samantva	43.5	11.2	1	46
Samantva	44.5	11.5	1	47
Samantva	45.5	11.8	1	48
Samantva	46.5	12.0	1	49
Samantva	47.5	12.2	1	50
Samantva	48.5	12.5	1	51
Samantva	49.5	12.8	1	52
Samantva	50.5	13.0	1	53
Samantva	51.5	13.2	1	54
Samantva	52.5	13.5	1	55
Samantva	53.5	13.8	1	56
Samantva	54.5	14.0	1	57
Samantva	55.5	14.2	1	58
Samantva	56.5	14.5	1	59
Samantva	57.5	14.8	1	60
Samantva	58.5	15.0	1	61
Samantva	59.5	15.2	1	62
Samantva	60.5	15.5	1	63
Samantva	61.5	15.8	1	64
Samantva	62.5	16.0	1	65
Samantva	63.5	16.2	1	66
Samantva	64.5	16.5	1	67
Samantva	65.5	16.8	1	68
Samantva	66.5	17.0	1	69
Samantva	67.5	17.2	1	70
Samantva	68.5	17.5	1	71
Samantva	69.5	17.8	1	72
Samantva	70.5	18.0	1	73
Samantva	71.5	18.2	1	74
Samantva	72.5	18.5	1	75
Samantva	73.5	18.8	1	76
Samantva	74.5	19.0	1	77
Samantva	75.5	19.2		